

Lorena Burrell

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Education

[Georgia State University](#) (Atlanta, GA)

Graduated Dec 2023

B.S. in Computer Science (2023)

A.S. in Computer Science (2020)

- 3.7 / 4.0 Major GPA

Relative Work Experience

VMWare MTS EUC Intern

[Modern Microservices Team](#)

May-Aug 2022

- Developed a dashboard using VMWare Tanzu for monitoring the team's end-to-end services.
- Assisted in designing a new interface for onboarding and offboarding employees, which won first place in the company's internal Borathon competition with over 175 employees.
- Used PagerDuty to create alerting for service health, to generate reports for maintenance team.

VM Ware Code House Hackathon (virtual)

[Backend Coding Team Member](#)

Jun- Jul 2021

- Developed the prototype of an app focused on making STEM resources available to minorities.
- Created a proper backend with languages GO/Gin and used a MongoDB Database.
- Developed the API and worked on creating user authentication with.

Intern Hacks (virtual)

[Backend Coding Team Member](#)

Jun- Jul 2021

- Structured the backend using the Node/Express languages to create the API, inside a MongoDB database.
- Lead the frontend development of the product website using HTML, CSS, and JavaScript.
- Created the design mockup and prototype with Figma.

NASA L'SPACE Academy (virtual)

[Team Science Director/ Team Vice Deputy Fellow](#)

May- Jul 2021

- Participated in and completed a 12-week accelerated learning program curriculum.
- Developed and reviewed detailed NASA Proposals to be used in future space missions.
- Developed a mission proposal to a designated location in space, from conception to launch ready preparation.

Independent Programming Projects

GitHub Projects

Jan - May 2023

[GSU Poster Judging](#)

- A fullstack application that allows students to upload their project posters into our database for the instructors at Georgia state university to score the posters.
- Technology: Python, Flask, SQLite3 Database, JavaScript.

[GSU Elite Estates](#)

- A fullstack application which consists of a real-estate dashboard to enable consumers to browse home listings to our database and recommend properties with selective property filtering.
- Technology: HTML, CSS, JavaScript, PHP, MySQL Database.

[GSU NerdieLuv](#)

- A fullstack PHP dating application that provides account management, dating filtering, and match making for existing users. Built using PHP for session management, validations, file management, and filtering.
- Technology: PHP, MySQL, HTML, CSS, JavaScript.

Technical Skills

Languages: Python, Java, PHP, HTML, CSS, JavaScript, Bootstrap, Go, Gin, NodeJS, Express, Dart, React.

Tools & Technology: VSCode, Eclipse, Git, Github, UNIX Command Line, Figma, Repl.it, MongoDB, MySQL, SQLite, Microsoft Office, Software Engineering, Project Management.